

# TEAM TESLA

TOPGUNS - 2020

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# Team Tesla - Project Highlights



- User type based common login authentication
- Password encryption & decryption for login feature
- JUnit test cases & Exceptional handling
- Tomcat File Server
- Common folder structure, naming convention and layout for the entire project
- Ag Grid table across all projects.

# Technical Implementation



## User Interface

React JS and Material UI Library  
(167 Components)



## REST APIs

Spring Boot  
(GET: 72, POST: 21, PUT, 32, DELETE: 8)



## Database

POSTGre SQL  
(20 Tables, 147 SQL Queries)



## User Stories

Jira



## Source Control

BitBucket  
(23,340 Lines of Code)



## Mail

Spring framework



## Captcha

Google React Captcha

# Credit Card User Stories

01.

Login to NGOs, View all applications form

02.

New customer CC Application, edit any submitted form

03.

Delete a customer CC application

04.

Save and retrieve ID proofs to document manager, perform and retrieve credit score

05.

Retrieve initial offer based on credit score

06.

E-mail to customer, confirm offer, inform sales user about approval

07.

Pull an excel report, view all the applications a sales user is handling

# Credit Card - Project Highlights



Password Encryption & Decryption

Super User functionality

Separate User for document verification

Customer Page

Dynamic generating of credit card offers based on  
CIBIL Score

# Liquidity User Stories

01.

Provision to group accounts according to the instructions provided by the client

02.

Provision to have an interest setup that defines interest rates for each account group

03.

Interest calculation at the end of day balances and combining balances of all accounts in a group

04.

Reports to display the daily results for all accounts

05.

Provision to have tiered interest rates defined according to balance

# Liquidity - Project Highlights



- Mass account generation
- Report generation & Scheduled email for customers
- Automatic interest settlement of groups
- OTP two factor authentication
- Tiered interest based system for account setup



# RM User Stories

01.

Home Page for  
upcoming stories

02.

Cleint Notifications by  
clicking on the count  
available in Calendar

03.

See key fields of the  
upcoming activities on  
clicking on the CIF ID

04.

See upcoming activities for  
next month in the Client  
Notification section

05.

Upload the upcoming  
notifications

06.

Download the summary  
of notifications

# RM - Project Highlights



Financial widgets

Chatbot - Pepper

Performance review dashboard

Client quick access & client search functionality

Book appointments page

# Payments User Stories

01.

Login to Corporate  
Channel Application with  
validated credentials

02.

Creating of transaction  
using an entry screen  
with validations

03.

Approval of transaction

04.

Transaction  
Management(Print, Edit  
etc.) Journeys

05.

Interface to Processing  
engine

06.

Status update and visual  
display

07.

Account Balancing &  
Reporting

# Payments - Project Highlights



Captcha implementation

Quick pay feature

Manage beneficiaries & manage users

OTP authentication for approval of transactions & beneficiaries

Interactive chart for region wise account

# THANK YOU!